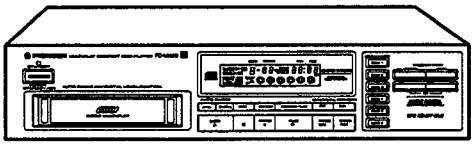
Operating Instructions

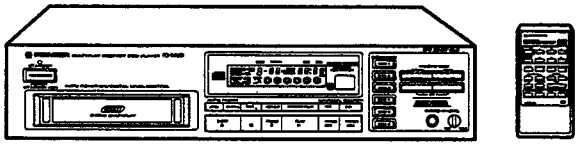
MULTI-PLAY COMPACT DISC PLAYER

PD-M435
PD-M431
PD-M430

COMPACT disc DIGITAL AUDIO



PD-M430/PD-M431



PD-M435

Thank you for buying this Pioneer product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.
In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

IMPORTANT NOTICE

[For U.S. and Canadian models]

The serial number for this equipment is located on the rear panel. Please write this serial number on your enclosed warranty card and keep it in a secure area. This is for your security.

[For Canadian model]

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION: POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

"This product complies with the Radio Interference requirements of the EC (European Community) Directive 87/308/EEC."

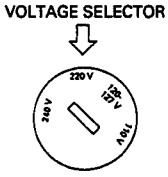
THE POWER SWITCH IS SECONDARY CONNECTED AND THEREFORE DOES NOT SEPARATE THE UNIT FROM MAINS POWER IN STANDBY POSITION.

LINE VOLTAGE SELECTOR SWITCH

Only multi-voltage models are provided with this switch. U.S., Canadian, European, U.K., and Australian models are not provided with this switch.
Mains voltages in Saudi Arabia are 127V and 220V only. Never use this model with 110V setting in Saudi Arbia.

The line voltage selector switch is located on the rear panel of this player. Before your player is shipped from the factory, the switch is set to the power requirements of the player's destination. Check that it is set properly before plugging the power cord into the outlet. If the voltage is not properly set or if you move to an area where the voltage requirements differ, adjust the selector switch as follows:

- Use a medium-sized (flat blade) screwdriver. Insert the tip of the screwdriver into the groove of the selector switch and turn it so that the power voltage making of your area points to the arrow.



PIONEER®
The future of sound and vision.

IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

IMPORTANT

If the apparatus is fitted with AC mains power outlet(s), see REAR PANEL FACILITIES for convenient connection of additional Hi-Fi component(s). Make all connections to the AC outlet(s) and the signal terminals first. Connect the plug to the wall socket last, make sure that the power switch is off.

FOR USE IN THE UNITED KINGDOM

The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral
Brown: Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured marking identifying the terminals in your plug proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.
Neither wire is to be connected to the earth terminal of a three pin plug.
Equipment sold in the U.K. is not supplied with a power plug.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS – All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS – The operating instrucions should be retained for future reference.

HEED WARNING – All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS – All operating and use instructions should be followed.

WATER AND MOISTURE – The appliance should not be used near water – for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

LOCATION – The appliance should be installed in a stable location.

WALL OR CEILING MOUNTING – The appliance should not be mounted to a wall or ceiling.

VENTILATION – The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT – The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES – The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER-CORD PROTECTION – Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION – If your purchased product is provided with a polarized power plug, please read the following instructions. This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CLEANING – The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

POWER LINES – An outdoor antenna should be located away from power lines.

NONUSE PERIODS – The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

OBJECT AND LIQUID ENTRY – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE – The appliance should be serviced by a Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped; on the enclosure damaged.

SERVICING – The user should not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, contact the nearest Pioneer authorized service center.

OUTDOOR ANTENNA GROUNDING – If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.

CART – An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

NEC – NATIONAL ELECTRIC CODE

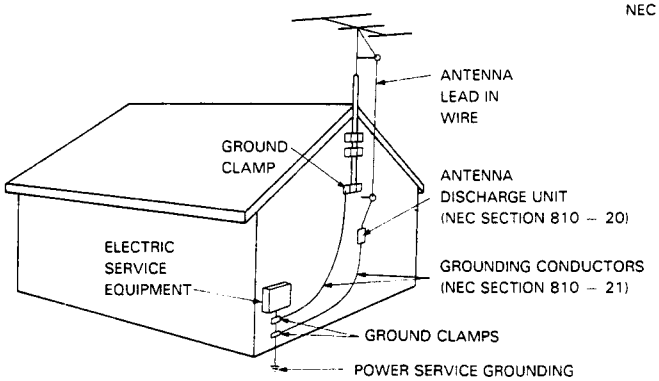


FIG.A

[FOR EUROPEAN AND U.K. MODELS]

CAUTION
This product contains a laser diode of higher class than 1. To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product.
Refer all servicing to qualified personnel.

The following caution label appear on your player.

Location: rear of the player

[FOR U.S. MODEL]
CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- The use of optical instruments with this product will increase eye hazard.

INFORMATION TO USER [FOR U.S. MODEL]

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- reorient the receiving antenna
- relocate this equipment with respect to the receiver
- move this equipment away from the receiver
- plug this equipment into a different outlet so that equipment and receiver are on different branch circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the Federal Communications Commission helpful:
"How to Identify and Resolve Radio-TV Interference Problems".
This booklet is available from the US Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

The above instructions apply only to units which will be operated in the United States.

[For Canadian model]

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

CONTENTS

ABOUT THESE OPERATING INSTRUCTIONS 4
CAUTIONS REGARDING HANDLING 5
CONNECTIONS 6
CONFIRM SUPPLIED ACCESSORIES 7
PUT BATTERIES INTO THE REMOTE CONTROL UNIT (PD-M435 only) 7
BEFORE OPERATING THE PLAYER 7
NAMES AND FUNCTIONS OF PARTS 9
BASIC OPERATION 10
- To play a compact disc 10
- To stop playback and take out the magazine 10
- Time display 11

VARIOUS OPERATIONS 11
- Disc search - To search for a particular disc 11
- Track search - To search for a particular track 11
- Manual search - To search for a particular passage 11
- To repeat playback (repeat play): 11
- Random playback - To play all tracks in random order .. 12
- Adjusting the sound volume (PD-M435 only) 12

TO PLAY ONLY DESIRED TRACKS/DISCS 12
- Program playback - To program tracks/discs in desired order 12
- Programming a pause 13
- To clear all of the program contents 13
- To erase a program (PD-M435 only) 13
- To check the program contents (PD-M435 only) 13
- To modify the program contents (PD-M435 only) 13
- Delete program playback - To delete undesired tracks/discs 14
- To clear all of the delete program contents 14

CONVENIENT OPERATION FOR RECORDING 15
- Compu program editing (Computer allocated program editing) 15
- Time fade editing 16
- One-touch fade 16

TROUBLESHOOTING 17
SPECIFICATIONS 18

ABOUT THESE OPERATING INSTRUCTIONS

The contents found in these Operating Instructions are based on the PD-M435 model, but they are also applicable to the PD-M431 and PD-M430 models.

Differences between Models

	PD-M435	PD-M431	PD-M430
Remote control unit	YES	NO	NO
Control cord	YES (U.S. and Canadian)	YES	YES
Headphone jack	YES	NO	YES (U.K. and European)

CAUTIONS REGARDING HANDLING

Location

Install the player in a well ventilated location where it will not be exposed to high temperature or humidity.
Do not install the player in a location which is exposed to direct rays of the sun, or near stoves or radiators. Excessive heat can adversely affect the cabinet and internal components. Also, installation of the player in a damp or dusty environment may result in malfunction or accident. (Also avoid installation near cookers etc., where the player may be exposed to smoke from oil, steam or heat.)

Precautions regarding installation

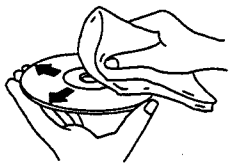
- Placing and using the compact disc player for long periods on heat-generating sources such as amplifiers will affect performance. Avoid placing the player on heat-generating sources.
- Install this compact disc player as far as possible from tuners and TV sets. A compact disc player installed in close proximity to such equipment, may cause noise or degradation of the picture.
- Such noise may be particularly noticeable when an indoor antenna is used. In such a case, make use of an outdoor antenna, or turn off power to the compact disc player.
- Please place this unit on a level surface.

Condensation

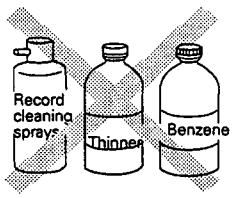
When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

Cleaning discs

- The presence of fingerprints or smudges on the surface of the disc will not directly affect the recorded signals, but depending on the degree of contamination, the brightness of the light reflected from the signal surfaces may be reduced, causing degradation of sound quality. Always keep your discs clean by wiping them gently with a soft cloth from the inner edge toward the outer periphery.

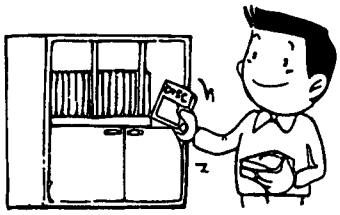


- If a disc becomes very dirty, dip a soft cloth in water, and after wringing it out well, wipe the dirt away gently, and then remove any water drops with another soft, dry cloth.
- Do not use record cleaning sprays or anti-static agents on discs. Also, never clean discs with benzene, thinner, or other volatile solvents, since damage to the disc surface may result.



Storing discs

- Discs are made of the same kinds of plastic used for conventional analog audio records. Be careful not to allow discs to warp; always store discs in their cases vertically, avoiding locations with high heat or humidity, or extremely low temperatures. Avoid leaving discs in cars, since the seat of a car in direct sunlight can become unbelievably hot.
- Always read and abide by the precautionary notes listed on disc labels.

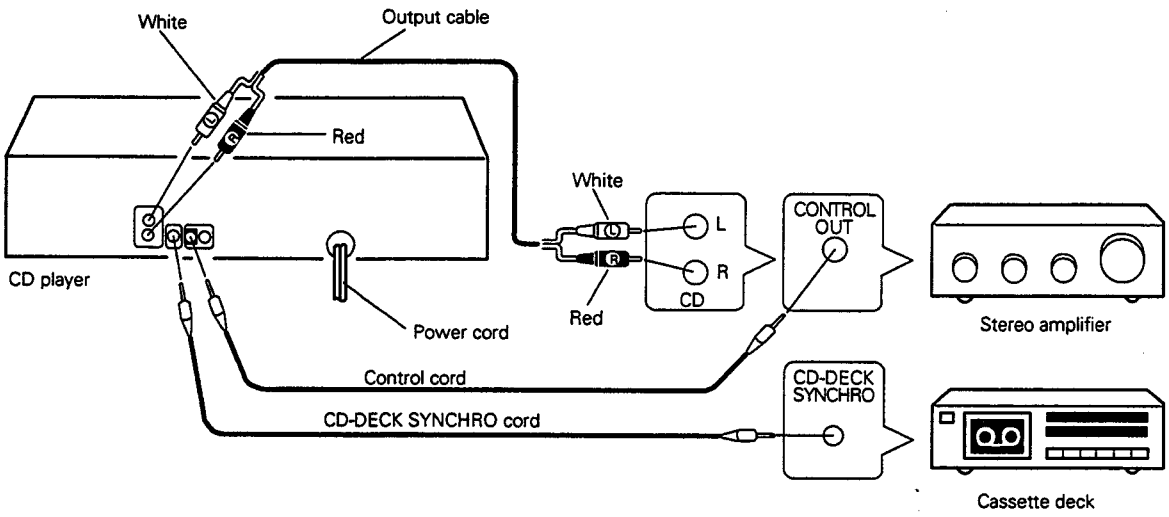


Cleaning the player and the magazine

To clean the PLAYER and the MAGAZINE wipe with a soft, dry cloth. For stubborn dirt, wet a soft cloth with a mild detergent solution, wring well, then wipe off the dirt. Also use a dry cloth to wipe the surface dry. Do not use volatile liquids such as benzene and thinner which are harmful to the unit.

CONNECTIONS

- Make sure that all of the components are turned off before making connections.



Making connections

1 Connect the OUTPUT jacks of this unit to the input jacks (CD or AUX) of the amplifier. Make sure that the white plugs are connected to the left (L) jacks and the red plugs to the right (R) jacks.

- Be sure not to connect this unit to the amplifier's PHONO jacks, as sound will be distorted and normal playback will not be possible.

2 Connect the power cord to a household AC wall outlet or an AC outlet on your amplifier.

- Make sure plugs are inserted fully into the jacks and wall outlet.

CD-Deck synchro function

If you have a Pioneer cassette deck provided with the CD-Deck synchro function, connect the CD-DECK SYNCHRO jacks of the CD player and cassette deck. With this function, synchro recording can be carried out between player and deck.

- For details on connections and operation, refer to the instruction manual supplied with the cassette deck.
- The CD-DECK SYNCHRO cord is not supplied with the CD player.

System remote control with a Pioneer stereo amplifier that has the SR mark

(Available with the PD-M430/PD-M431 and U.S. and Canadian models of the PD-M435 only)

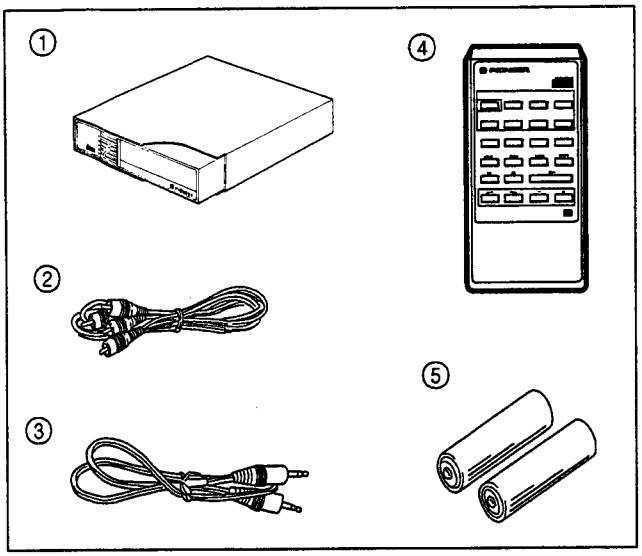
When a Pioneer stereo amplifier bearing the SR mark is used, connect the CONTROL IN jack on the rear panel of the CD player to the CONTROL OUT jack of the amplifier. This will enable the CD player to be controlled using the remote control unit supplied with the stereo amplifier. If you do not plan to use this feature, it is not necessary to connect CONTROL IN/OUT jacks.

- The control cord is supplied with the CD player.
- The remote control unit supplied with the amplifier can be used to control Play, Stop, Pause, Track/Disc Search and Disc Change operations.
- For instructions regarding connections and operation, refer to the operating instruction manual provided with your stereo amplifier.

NOTES:

- *When a control cord is connected to the player's CONTROL IN jack, direct control of the player with the remote control unit is not possible. Operate the player with the remote control unit by aiming it at the amplifier.*
- *Be sure to connect both of the control cord's plugs securely to the CONTROL IN and CONTROL OUT terminals. Do not connect only one end of the cable.*

CONFIRM SUPPLIED ACCESSORIES

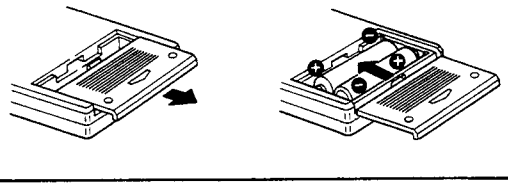


① 6-Compact Disc Magazine x 1
(Called magazine in the explanatory text.)

NOTE:
The supplied magazine is for 12 cm discs only.

② Output cord x 1
③ Control cord x 1
(PD-M430, PD-M431 and U.S. and Canadian models of the PD-M435 only)
④ Remote control unit x 1 (PD-M435 only)
⑤ AAA/R03 dry cell batteries x 2 (PD-M435 only)

PUT BATTERIES INTO THE REMOTE CONTROL UNIT (PD-M435 only)



Open the lid of the battery compartment on the rear of the remote control unit, and insert the batteries, taking care to align the (+) and (–) polarities correctly.

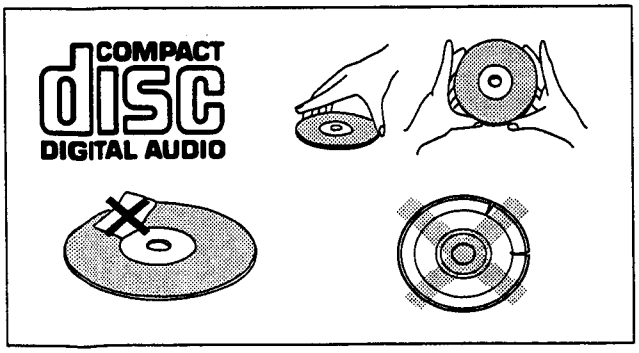
NOTE:
- *In order to prevent battery leakage, remove the batteries when not using the remote control unit for an extended period (one month or more). In the event of battery leakage, carefully wipe away any battery fluid inside the compartment, and replace the batteries with new ones.*
- *Do not allow books or other objects to rest on top of the remote control unit, since the buttons may be depressed, causing faster exhaustion of the batteries.*

Incorrect use of batteries may cause leakage or rupture.
Always be sure to follow these guidelines:
A. Always insert batteries into the battery compartment correctly matching the positive ⊕ and negative ⊖ polarities, as shown by the display inside the compartment.
B. Never mix new and used batteries.
C. Batteries of the same size may have different voltages, depending on brand. Do not mix different brands of batteries.

BEFORE OPERATING THE PLAYER

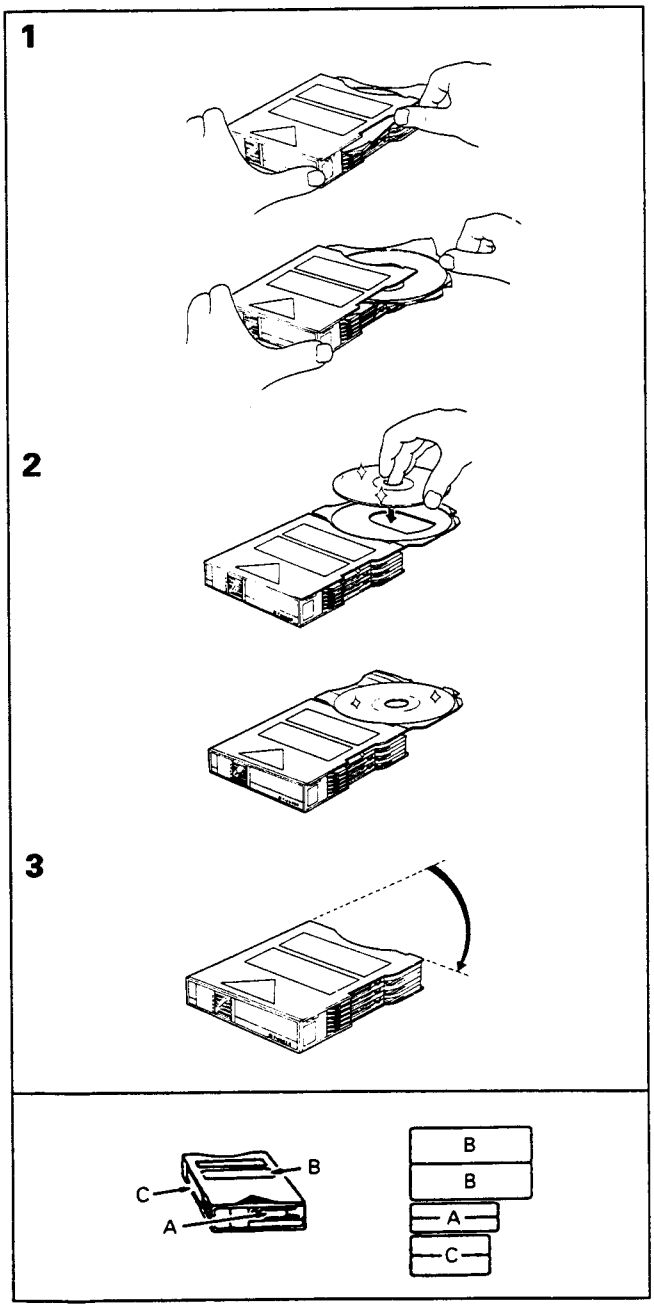
CARE OF DISCS

- With this player, use discs which display the mark shown below. (Optical audio digital discs.)
- When holding discs, do not touch their signal surfaces. Hold by the edges, or by one edge and the center hold.
- Do not affix gummed labels or tape to the label surfaces. Also. do not scratch or damage the label.
- Discs rotate at high speed inside the player. Do not use damaged (cracked or warped) discs.



NOTE:
- *In order to play an 8-cm CD you will need a special Multi-Play Magazine (JD-M108) which is sold separately. Be sure to read thoroughly the Operating Instructions before using it.*
- *8-cm CD Adaptors*
It is possible that even an adaptor which meets recommended standard CD specifications will not be usable with the CD player. It is recommended that the special Multi-Play Magazine (JD-M108) be used.
- *Never load an 8-cm CD or its adaptor into a standard 12-cm magazine. This may seriously damage the CD player.*

Continue



AC power cord connection and functions

Some functions cannot be carried out depending on the connection of AC power cord.

Function	When the AC power cord is connected to the unswitched outlet of an amplifier or wall outlet.	When the AC power cord is connected to the switched outlet of an amplifier or audio timer.
Timer playback	No	Yes
Program memory	Yes	No
Delete program memory	Yes	No
ATT level memory	Yes	No

For details, refer to the description of each function of this Operating Instructions.

INSERT DISCS INTO THE MAGAZINE

Insert any discs which you may have into the supplied magazine. Up to six discs may be inserted. The numbering of the discs begins with 1 at the topmost tray, and then increases in order from 2 to 6 for the lower trays. The magazine has a window through which the pulled-out disc tray can be checked. Even during playback, the number of the disc being played back can be checked through this window.

1 Pull out only one disc tray.
2 Position discs with the label side downward.
3 Put the disc tray back as it was originally.
4 Insert other discs by repeating steps 1 to 3.

CAUTION:

- Please make sure to only pull out one disc tray at a time. (when a disc tray has been pulled out, do not pull out other disc trays.)
- If discs are inserted label side upward, it will not be possible for them to be played. Please make sure to insert them with the label side downward.
- Objects other than discs (song cards, explanations of disc contents, etc.), must never be inserted into the disc trays.
- Do not touch the playing surface of discs (iridescent side) with hands or fingers.

AFFIXING LABELS TO THE MAGAZINE

- Always attach the labels provided in the designated locations. Correct operation may not be possible if labels or tape are attached in other locations.
- The following are convenient ways of using labels:
  A: For titles
  B: For disc names
  C: For classification
- Do not attach labels on top of other labels.

Additional magazines identical to the one supplied are available as options (*JD-M100, JD-M200, JD-M108). Please use them to make your own disc library, with separate magazines for each artist or genre.

* JD-M100/JD-M200 ..... Magazine for 12-cm discs
JD-M108 ..... Magazine for 8-cm discs

NOTE:

Both 12-cm discs and 8-cm discs cannot be installed together in a magazine.

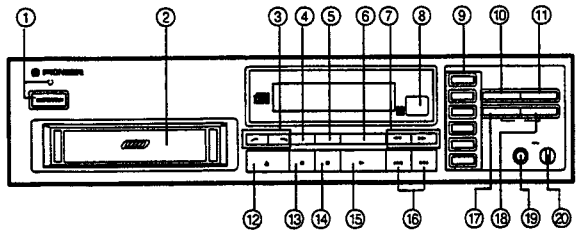
For U.S. customers only

You may purchase additional Pioneer six-compact-disc magazines from your dealer. If however, they are not available at your dealer in the United States, you may order from:

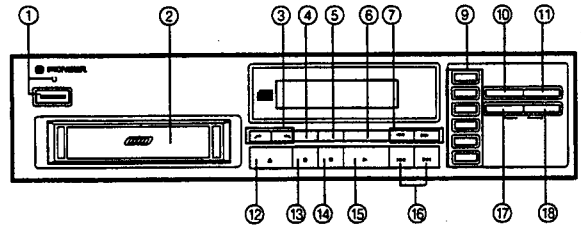
PIONEER ELECTRONICS SERVICE, INC.
2265 East 220th Street
P.O. Box 1760, Long Beach
CA. 90801-1760
U.S.A.
Phone #(800)421-1404

NAMES AND FUNCTIONS OF PARTS

PD-M435



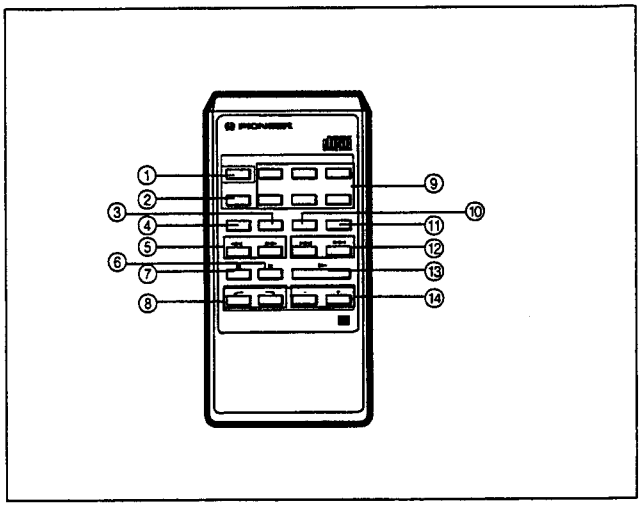
PD-M431/PD-M430



FRONT PANEL

① **POWER STANDBY/ON switch and indicator**
② **Magazine insertion slot**
③ **AUTO FADER buttons**
④ **TIME button**
⑤ **REPEAT button**
⑥ **RANDOM PLAY button**
⑦ **MANUAL SEARCH buttons (◄◄/►►)**
⑧ **Remote sensor (PD-M435 only)**
Receives the signal from the remote control unit.
⑨ **DISC NUMBER buttons (DISC 1 - DISC 6)**
⑩ **PROGRAM button**
⑪ **DELETE button**
⑫ **EJECT button(▲)**
⑬ **STOP/CLEAR button (■)**
⑭ **PAUSE button (II)**
⑮ **PLAY button (►)**
⑯ **TRACK search buttons (I◄◄/►►I)**
⑰ **COMPU PGM EDIT button**
⑱ **TIME FADE EDIT button**
⑲ **Headphones jack (PHONES)**
⑳ **Headphones volume (PHONES LEVEL)**

NOTE:
Items ⑲ and ⑳ are included on the U.K. and European models of the PD-M430.

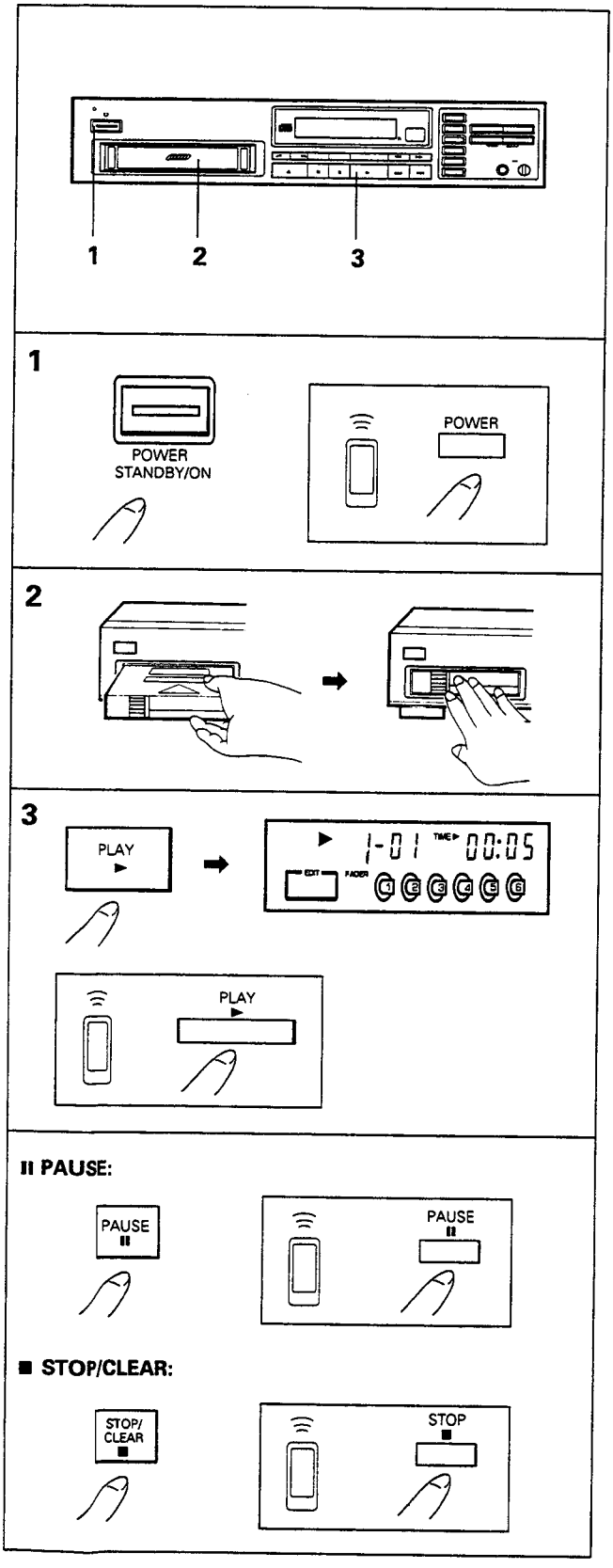


REMOTE CONTROL UNIT (PD-M435 only)

Remote control buttons with the same names or marks as buttons on the front panel of the player control the same operations as the corresponding front panel buttons.

① **POWER button**
② **RANDOM PLAY button**
③ **CHECK button**
④ **PGM button**
⑤ **MANUAL search buttons (◄◄/►►)**
⑥ **PAUSE button (II)**
⑦ **STOP button (■)**
⑧ **FADE-IN/FADE-OUT buttons**
⑨ **DISC NUMBER buttons (1 - 6)**
⑩ **CLEAR button**
⑪ **DELETE button**
⑫ **TRACK search buttons (I◄◄/►►I)**
⑬ **PLAY button (►)**
⑭ **OUTPUT LEVEL buttons (+/–)**

BASIC OPERATION



Operations indicated by the [ ] mark are performed with the remote control unit.

To play a compact disc

1 Turn on the power to the player.

2 Insert a magazine, pushing it in until a click sound is heard.

- The first disc is automatically set for playback.
- When the power is turned off, inserting a magazine automatically turns on the power (Automatic Power On function).

3 Start playback.

To pause playback temporarily:

Press PAUSE. The II indicator lights and playback is paused at that point.
Pressing PAUSE again or PLAY resumes playback from the position where pause mode was entered.

To stop playback:

Press STOP/CLEAR. The player returns to the beginning of the first track on the disc at which playback was stopped. If STOP/CLEAR is pressed twice, the player returns to the beginning of the first track on the first disc and enters stop mode.

To stop playback and take out the magazine

Press EJECT, remove the magazine, and then press POWER to turn off the power.

NOTE:

When the power is turned off while a magazine is in the player, the player memorizes which disc was played just before the power was turned off. Thus, when the power is next turned on, pressing the PLAY button starts playback from the first track on the memorized disc.

Cautions regarding handling of magazines

- When inserting a magazine into the player, make sure that the direction of insertion is correct.
- After use, store in the case provided. Do not place in locations subjected to high temperatures or exposed to direct sunlight.
- Do not take magazines apart.
- Be careful not to drop, or hit magazines against things. Also do not apply strong force to trays which have been withdrawn.
- Application of benzene, thinner, insecticide or other volatile liquids to a magazine may damage the surface, so keep magazines away from such substances.

Timer playback

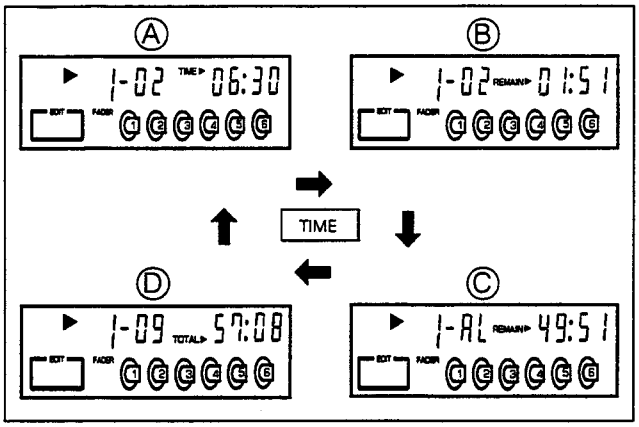
By using a commercially available audio timer, it is possible to initiate playback at any time automatically.

1. Insert a magazine into the magazine slot.
2. Set the time at which you wish playback to begin. The timer will supply power to both the amplifier and the player at the preset time, turning all the components on and initiating the playback mode. Playback starts from the first track on the first disc.

Caution:

- Do not unplug the power cord or do not turn off the power with an audio timer during playback, as this could result in damage to the disc.
- If the power failure occurs while the power is turned off (standby mode), the power is automatically turned on with timer playback function when the power is supplied. THEREFORE, DISCONNECT THE AC POWER CORD WHEN THE PLAYER IS NOT USED FOR A LONG PERIOD OF TIME.

Continue



Time display

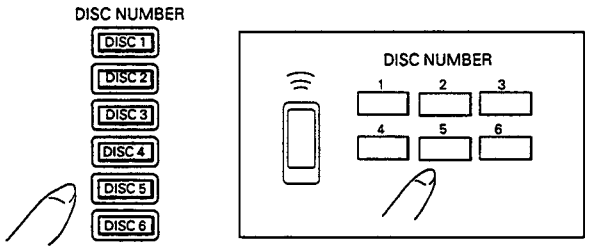
During playback, pressing the TIME button changes the time display in the following sequence: Ⓐ TIME (elapsed playback time of the track being played) → Ⓑ REMAIN (remaining playback time of the track being played) → Ⓒ AL REMAIN (remaining playback time from the playing point to the end of the disc) → Ⓓ TOTAL (total playback time of the disc).

- If TIME is pressed during stop mode, the total playback of the disc will not be displayed.
- With track No. 24 or more, the REMAIN time Ⓑ cannot be displayed.
- During program playback, random playback, delete playback or delete random playback, AL REMAIN time Ⓒ cannot be displayed.
- During Program playback, the number of program steps can be displayed with the TOTAL setting Ⓓ.

VARIOUS OPERATIONS

Disc search - To search for a particular disc

During playback or stop mode

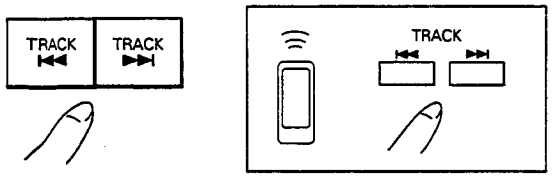


The player searches for the specified disc and playback starts from the beginning of that disc.

NOTE:
If the disc number of a tray which does not contain a disc (disc symbol indicator is not lit) is selected, playback cannot start from that disc number.

Track search - To search for a particular track

During playback or pause mode

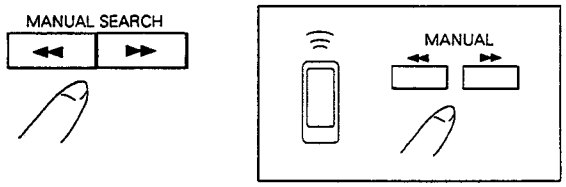


When ▶▶| is pressed once, playback advances to the beginning of the next track. When this button is kept pressed, playback advances to successive tracks on the disc.
When |◀◀ is pressed once, playback returns to the beginning of the track being played. When this button is kept pressed, playback returns to earlier tracks on the disc.

NOTE:
During normal playback, Track Search can be carried out on one disc only.

Manual search - To search for a particular passage

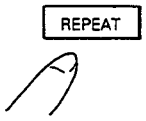
During playback or pause mode



While ▶▶ is kept pressed, playback rapidly advances toward the end of the disc. While ◀◀ is kept pressed, playback rapidly reverses toward the beginning of the disc.
When the desired passage is reached, release ▶▶ or ◀◀. The player enters original mode (playback or pause) where ▶▶ or ◀◀ is released.

- During normal playback, Manual Search can be carried out on one disc only.
- During program playback, Manual Search can be carried out in one program step only.

To repeat playback (repeat play):

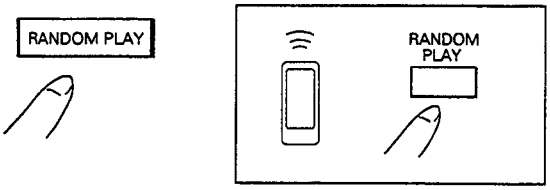


To repeatedly play the displayed track, press REPEAT once. The 1▶ REP indicator lights. The REPEAT button can be pressed in any playback mode.
To repeatedly play all tracks on all of the discs in normal playback mode or in the specified playback mode (Program playback, Delete program playback or Random playback), press REPEAT twice. The REP indicator lights

- To exit repeat mode, press REPEAT so that 1▶ REP or REP indicator goes off.

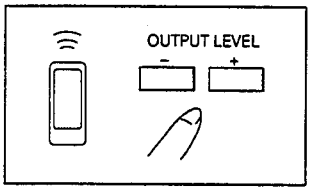
Continue

Random playback - To play all tracks in random order



The RANDOM indicator lights and all tracks on all discs are played in a random order.
To play tracks other than the deleted tracks in a random order, press RANDOM PLAY after carrying out the Delete Program procedure. See the "Delete Program Playback" section.

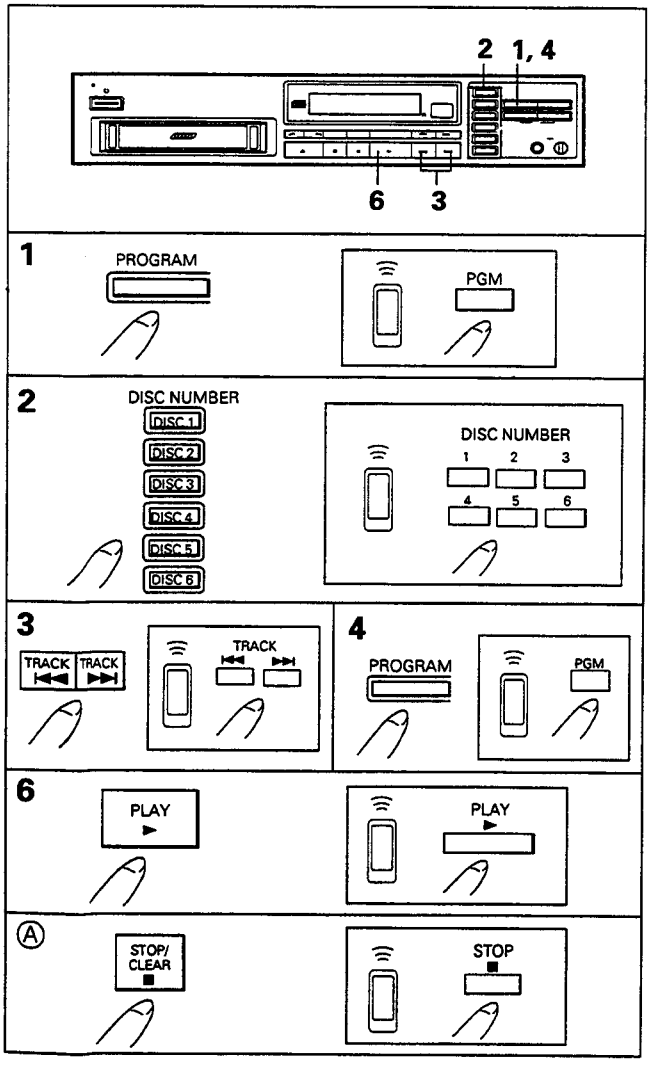
Adjusting the sound volume (PD-M435 only)



Press OUTPUT LEVEL "–" or "+" on the remote control unit to adjust the output level. The output level can be adjusted between 0 dB and - 25 dB in steps of 1 dB.

- The output level at the OUTPUT jacks and PHONES jack will be adjusted simultaneously.
- If the magazine is in the player, the adjusted output leve will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the adjusted output level will be erased.

TO PLAY ONLY DESIRED TRACKS/DISCS



Program playback - To program tracks/discs in desired order

1 During stop mode, press PROGRAM.

2 Press the DISC NUMBER button which contains the track to be programmed.

To program entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 5.

- When DISC NUMBER is pressed, "AL" (all tracks) appears on the display.

3 Press ⏮ or ⏭ so that the desired track number appears on the display.

4 Press PROGRAM.

5 Repeat steps 2 through 4 for other tracks to be programmed.

6 Press PLAY.

The tracks are played in the programmed order. When all programmed tracks have been played, the player enters stop mode.

Ⓐ To stop Program playback, press STOP/CLEAR.

- Programs containing up to 32 steps can be created.
- To go to the previous or next step in a program, press ⏮ or ⏭.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the program contents will be erased.

NOTE:

Each time a selection is programmed, the display will show the programmed number and the total playback time. When the total playback time exceeds 100 minutes or when any part of the 24th and subsequent selections on a disc is programmed, the display will not show the total playing time.

Continue

Programming a pause

Inserting a pause in your program can be very useful when carrying out recording. Press PAUSE instead of entering a track number. "PA" appears on the display panel.

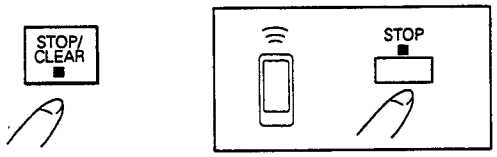
- For example, when recording on both sides of a cassette tape, if you program a pause after the last track to be recorded on the first side, program playback will pause at that point to allow you to switch tape sides. To resume program playback after the player enters pause mode, press PAUSE.

Notes:

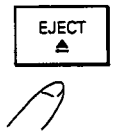
- *A pause cannot be programmed at the beginning of a program (P-01), and two pauses cannot be programmed one after the other.*
- *A pause inserted in a program is counted as one step.*
- *If a pause is programmed as the last step of a program, the player will not enter the pause mode.*

To clear all of the program contents

Ⓐ:

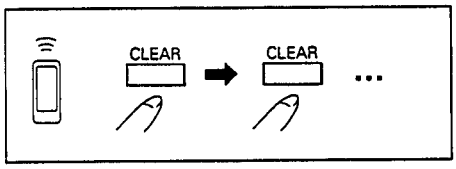


Ⓑ:



Ⓐ During stop mode, press STOP/CLEAR.
Ⓑ When the magazine is ejected, the program contents will be cleared.

To erase a program (PD-M435 only)

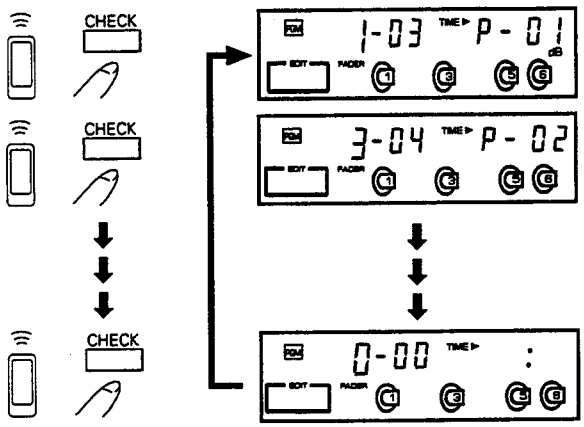


Press CLEAR on the remote control unit.
The last program step is erased and the contents of the previous program step are displayed.

NOTE:

Contents of a program can be erased during playback as well. However, tracks preceding the currently playing track cannot be erased in this way.

To check the program contents (PD-M435 only)

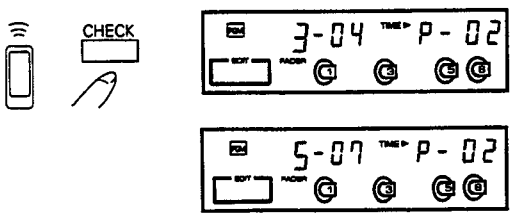


Press CHECK on the remote control unit. The program contents will be displayed in the programmed order.

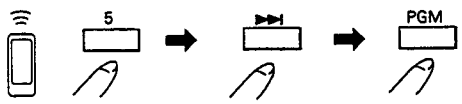
- After confirming the last program step, the display will show "0-00".

To modify the program contents (PD-M435 only)

1



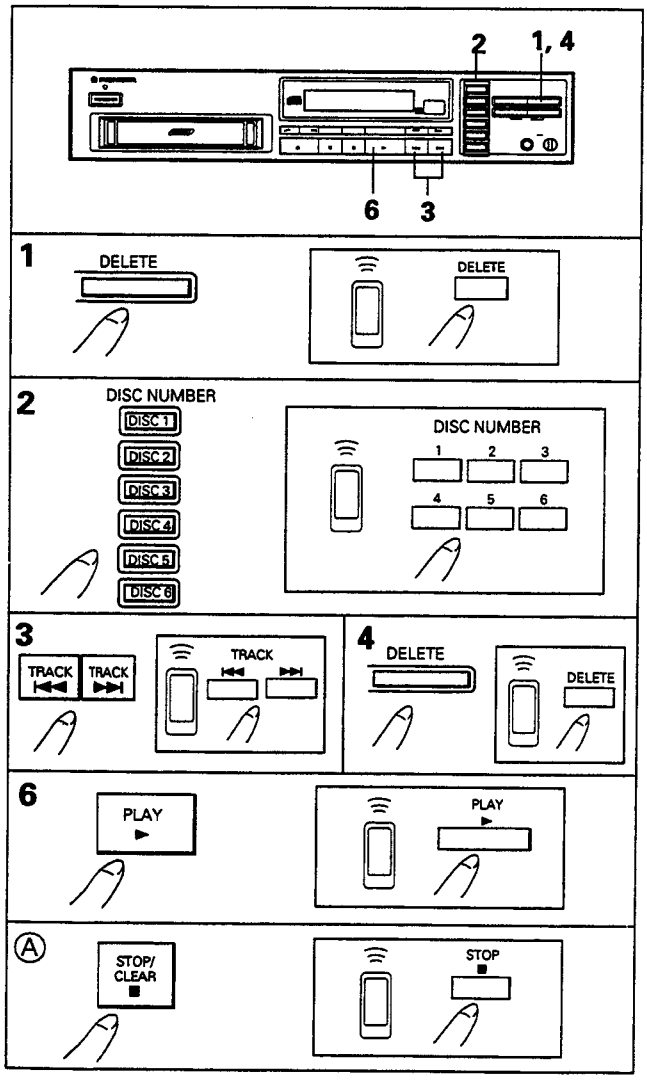
2



1. Press CHECK so that the program step to be corrected appears on the display.
2. To correct the disc No., enter the new disc No. with the DISC NUMBER buttons. To correct the track No., press ⏮ or ⏭ so that the desired track No. appears on the display. After correcting the disc No. and /or track No., press PROGRAM. For example, the programmed track No. 4 on the disc No. 3 is changed to track No. 7 on the disc No. 5, using DISC NUMBER 5, ⏭ and PROGRAM.

- Repeat steps 1 and 2 to change other tracks as desired.

Continue



Delete program playback - To delete undesired tracks/discs

1 During stop mode, press DELETE.

2 Press the DISC NUMBER button which contains the track to be deleted.

To delete entire discs, enter the desired disc numbers with the DISC NUMBER buttons and go to step 5.

- When DISC NUMBER is pressed, "AL" (all tracks) appears on the display.

3 Press ⏮ or ⏭ so that the track number to be deleted appears on the display.

4 Press DELETE.

5 Repeat steps 2 through 4 for other tracks to be deleted.

6 Press PLAY.

All tracks other than deleted tracks/discs are played in the order of the disc and track numbers. When tracks have been played, the player enters stop mode.

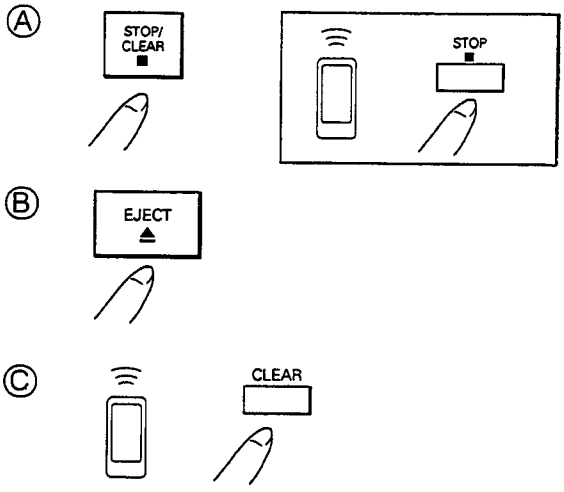
Ⓐ To stop Program playback, press STOP/CLEAR.

- Tracks to be deleted should be selected between track No. 1 and track No. 32.
- If the magazine is in the player, the program contents will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the program contents will be erased.

NOTE:

If the Program procedure has been performed, Delete programming cannot be carried out.

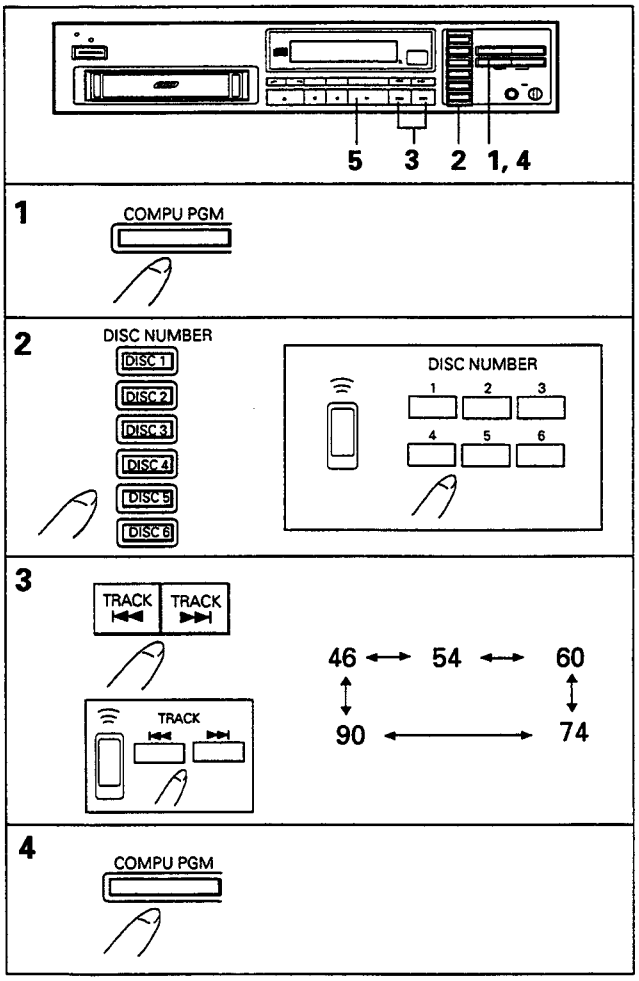
To clear all of the delete program contents



Ⓐ During stop mode, press STOP/CLEAR.

Ⓑ When the magazine is ejected, the program contents will be cleared.

Ⓒ Press CLEAR on the remote control unit (PD-M435 only) during stop mode or play mode. When CLEAR is pressed during Delete Program playback mode, the player enters normal playback mode.



Compu program editing (Computer allocated program editing)

Tracks are selected for both sides of the tape.

1 During stop mode, press COMPU PGM.

2 Select the disc No. with the DISC NUMBER button.

3 Select the tape playing time with ▶▶| or |◀◀.

Each time ▶▶| is pressed, the time will be changed in the following sequence: 46 → 54 → 60 → 74 → 90 (minutes). With |◀◀, the time will be changed in the reverse direction.

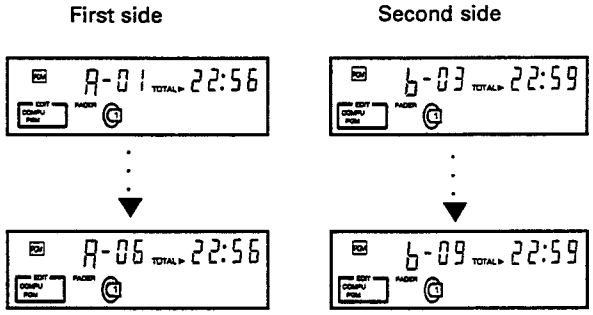
4 Press COMPU PGM.

The displayed time is memorized. The player now programs the tracks for the first side of the tape within half the selected playing time, programs a pause, and then programs the tracks for the second side of the tape within a half the selected playing time. After the programming is completed, the display shows all of the programmed tracks and their playing time in the programmed order.

- If the magazine is in the player, the program contents will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the program contents will be erased.

Example: The tape playing time 46 minutes is selected.

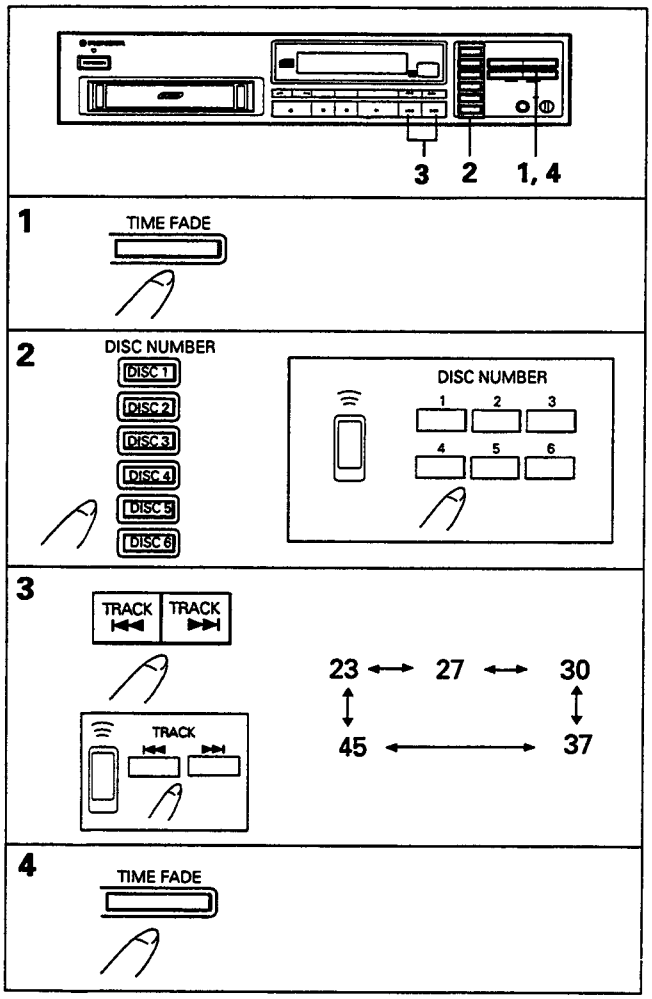
- The programmed contents are displayed in the programmed order.



NOTE:

- *Up to 24 steps can be programmed.*
- *With discs contained 24 tracks or more, programming may not be correctly performed.*
- *A disc which contains more than 24 selections sometimes cannot be programmed properly.*

Continue



Time fade editing

Tracks are selected for one side of the tape and playback stops with a fade-out.

1 During stop mode, press TIME FADE.

2 Select the disc No. with the DISC NUMBER button.

3 Select the playing time with ▶▶| or |◀◀.

Each time ▶▶| is pressed, the time will be changed in the following sequence: 23 → 27 → 30 → 37 → 45 (minutes). With |◀◀, the time will be changed in the reverse direction.

4 Press TIME FADE.

The displayed time is memorized. The player programs the tracks for one side of the tape within the selected playing time.

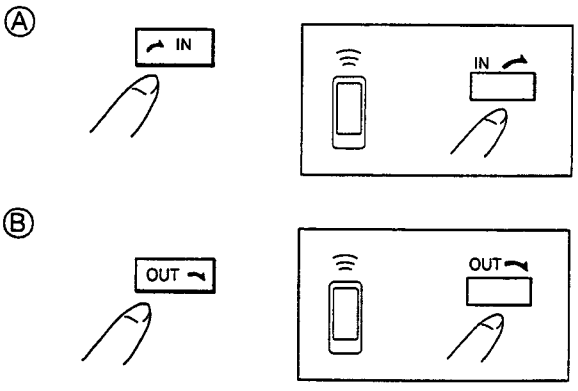
NOTES:

- *If Random playback, Track Search or Disc Search is done during Time Fade Editing play, Time Fade Editing will be cleared.*
- *If a tape playing time beyond the total playing time is selected, the Fade-out function cannot be carried out.*
- *During Time Fade operation, programming for Program Playback/ Delete Program Playback cannot be carried out.*
- *If the magazine is in the player, the program contents will not be erased even if the power is turned off. However, if the power is turned off with an audio timer or unplugging the power cord, the program contents will be erased.*

One-touch fade

Playback can be started from the desired point with a fade-in and stopped at the desired point with a fade-out.

- The One-touch Fade function can be carried out in Normal playback, Program playback/Delete Program playback, or Random playback mode.
  Set the player to the desired playback mode, and then perform the following procedure.



Ⓐ During pause mode, press IN. The FADER IN indicator appears on the display panel and playback starts with a fade-in.

Ⓑ When the position to be paused is reached, press OUT. The FADER OUT indicator appears on the display panel and playback pauses with a fade-out.

TROUBLESHOOTING

Incorrect operations are often mistaken for trouble and malfunctions. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Investigate the other components and electrical appliances being used.
If the trouble cannot be rectified even after exercising the checks listed below, ask your nearest PIONEER authorized service center or your dealer to carry out repair work.

Symptom	Cause	Remedy
Magazine is not expelled when EJECT button is pressed.	• Power plug is disconnected from outlet. • The POWER switch is STANDBY.	• Connect plug to amplifier or wall outlet. • Press the POWER switch ON.
When playback is started, it stops immediately. Pauses or stops during playback.	• Disc is loaded upside down. • Smudged on the disc, etc.	• Load the disc correctly with the label side DOWN. • Clean the smudges from the disc and then play it again.
No sound	• Output cords are connected incorrectly or loosely. • Incorrect operation of stereo amplifier. • Pin plugs and/or amplifier terminals are dirty. • Player is in pause mode.	• Connect properly. • Check the settings of amplifier switches and sound volume controls. • Clean away dirt. • Press the PLAY button.
Sound is distorted, noise is output.	• Incorrect connections. • Pin plugs and/or amplifier terminals are dirty. • Interference is being picked up from a TV set.	• Connect to amplifier's AUX or CD terminals. Do not connect to PHONO terminals. • Clean away dirt. • Switch OFF TV set, or move player away from TV set.
With certain discs, loud noise is produced, or play stops.	• Disc has bad scratch or warp. • Disc is extremely dirty.	• Replace the disc. • Clean disc.
Remote control will not function. (PD-M435 only)	• Dead batteries. • Too far from player or wrong angle. • Obstruction between player and remote control unit.	• Replace batteries. • The distance between remote control unit and player should be no more than about 7 meters. The operational angle against the front panel is within 30° from right or left end of player. • Relocate remote control unit or remove obstruction.

SPECIFICATIONS

1. General

Type ..... Compact disc digital audio system
Power requirements
European models ..... AC 220 V, 50/60 Hz
U.K., Australian models ..... AC 240 V, 50/60 Hz
U.S., Canadian models ..... AC 120 V, 60 Hz
Other models ..... AC 110/120 - 127/220/240 V (switchable) 50/60 Hz
Power consumption
European, U.K., Australian, U.S., Canadian models 10W
Other models 10W
Operating temperature ..... +5°C - +35°C +41°F - +95°F
Weight ..... 4.6 kg (10 lb, 3 oz)
External dimensions
U.K., European models ..... 420(W) X 326(D) X 104(H) mm 16-9/16(W) X12-27/32(D) X 4-1/8(H) in
Other models ..... 420(W) X 326(D) X 94(H) mm 16-9/16(W) X12-27/32(D) X 3-23/32(H) in

2. Audio section

Frequency response ..... 2 Hz - 20 kHz
S/N ratio ..... 106 dB or more (EIAJ)
Dynamic range ..... 92 dB or more (EIAJ)
Channel separation ..... 98 dB or more (EIAJ)
Harmonic distortion ..... 0.04% or less (EIAJ)
Output voltage 2.0V
Wow and flutter ..... Limit of measurement (±0.001% W.PEAK) or less (EIAJ)
Channels ..... 2-channel (stereo)

3. Output terminal

Audio line output
Headphone jack with volume control (PD-M435 and U.K. and European models of the PD-M430 only)
Control input/output jacks (Equipped with the PD-M430, PD-M431 and U.S. and Canadian models of the PD-M435 only)
CD-DECK synchro jack

4. Functions

Number of discs to be stored - maximum 6.

Basic operation buttons
- PLAY, PAUSE, STOP

Search function
- Disc Search
- Track Search
- Manual Search

Programming
- Maximum 32 steps
- Pause
- Program check/Correction (remote control unit supplied with the PD-M435 only)
- Program CLEAR (single track or all tracks)

Repeat functions
- 1 track repeat
- All discs repeat
- Program repeat
- Random play repeat
- Delete play repeat
- Delete random play repeat

Random play
- Random play (repeat also available)
- Delete random play (repeat also available)

Switching display
- Time consumed, remaining time (track/disc), and total time

Timer start

Digital Level Controller (PD-M435 only)
Volume control can be done with the remote control unit.

One-touch Fade
Fade-in and fade-out possible.

Time Fade Editing
Selects the tracks for one side of the tape within the specified time.

Compu Program Editing
Selects the tracks for both sides of the tape within the specified time.

5. Accessories

- Remote control unit (PD-M435 only) 1
- Size AAA/R03/dry batteries (PD-M435 only) 2
- Six-compact-disc magazine 1
- Output cable 1
- Control cord 1
(PD-M430, PD-M431 and U.S. and Canadian models of the PD-M435 only)
- Operating instructions 1

NOTE:
Specifications and design subject to possible modification without notice, due to improvements.

The Magazine Type Multi-Play CD Players with mark and the Magazines with the same mark are compatible for 5-inch (12cm) discs